

Sanctuary Education Team

Meeting Notes

Date: 2002 May 1

Time + Place: 6 to 8 PM; Chase Palm Park Center, 236 East Cabrillo Blvd., Santa Barbara

Larry Manson + Kathy deWet-Oleson, Co-Chairs

Members Attending:

Michael Behrens, Research  
Michael Hanrahan, Media  
Barry Hummel, Jr., Diving  
Bill Kulhanek, Yachting  
Cal Meuser, Recreational Boating  
Lori Pye, Environment/Conservation  
Mary Stack, Education: Marine  
Frank Sullivan, Recreational Fishing

Absent:

Holly Lohuis, Tourism

Attending:

Elliott Breslar, Ventura Power Squadron  
Kim Castagna, Carpinteria Middle School  
George Flores, JASON Trainer, Carpinteria Schools  
Marisa Lopez, Student  
Tiare Newport, Sea Shepherd  
Frank Ursitti, Channel Islands Marine Floating Lab

Julie Bursek, CINMS (Resource: CINMS)  
Michael Smith, CINMS (Resource: CINMS)

1) Welcome, Introductions

> Larry Manson, Co-Chair

Members introduced themselves for the audience.

There was a discussion about attachments to emails and members Michael Hanrahan, Cal Meuser, Bill Kulhanek, and

Frank Sullivan requested hard copies of Jessica M. Jackson's "A Review of Education, Awareness, and

Communication Strategies for Marine Protected Areas: With a Focus on Management and Stewardship," which was

written as part to her masters thesis for Bedford Institute of Oceanography, Dalhousie University, Halifax, Nova Scotia, Canada. Included are several references to National Marine Sanctuaries, including the Channel Islands.

It was determined that a portable library could be developed to maintain references for SET. Jessica Jackson's "Riding the Current to Ocean and Coastal Stewardship: A Marine Protected Areas Initiative," which is a longer document will be available in the portable library.

## 2) SET Progress Report

> Kathy deWet-Oleson, Co-Chair

To inform newly seated members and new, interested persons in the audience, Kathy recapped the short history of

SET. She emphasized that a goal of this working group is to improve communication through education both within the group and with the publics who are users of the Sanctuary.

She corrected the notes from the April 10 meeting: It was Yvonne Menard of CINP who mentioned the judge throwing out an enforcement case because the information was not on charts.

## 3) PowerPoint presentation

> Michael Behrens, SET member: Research

Research member, Michael Behrens gave a slide presentation about the kelp monitoring around the Channel Islands that began in 1982. The monitoring sites were selected with the thought that there would always be kelp there to monitor. While originally there was not an intension to compare reserve areas against non-reserve sites, to a limited degree, it is possible to make some comparisons.

A graph of data picturing the vertical food chain represented by FISH, LOBSTER, URCHIN, and KELP showed marked differences in fished and non-fished sites. In reserves, fish controlled lobster populations and urchins were more prevalent and bigger and there was less kelp. At fishing sites, there were more and bigger lobsters, with fewer urchins and more kelp.

Michael cautioned that there was not an absolute correlation because the sites were not identical in nature and there are

other factors beyond fishing that affect the food chain.

Both members of SET and the audience were enthusiastic about the presentation that was at times very technical, yet demonstrated clearly an aspect of what goes on in the Sanctuary.

Michael Hanrahan suggested that SET might promote public, scientific presentations - formal and informal -- that would make information accessible to various publics and put a "face" on the scientists. A benefit might be that the scientists could explain the limits of the applications of their work as well as the possibilities. Often, the general public looks to scientists for "an answer," while scientists may be content with plus or minus probabilities.

#### 4) SET representative reports > SET members

Barry Hummel, Jr., Diving and Mary Stack, Education: Marine and Bill Kulhanek made reports that are outlined at the end of these notes.

Cal Meuser, Recreational Boating and Frank Sullivan, Recreational Fishing will present their reports at the next meeting.

Julie Bursek of CINMS said that she would begin consolidating the reports so that strategies can be developed and evaluated.

Mary Stack suggested that it might be productive to invite Fred Gamble of Channel Crossings to a meeting to discuss getting information on charts.

Julie introduced Marisa Lopez, a graduate student at Prescott College, who might assist SET with needs assessments. She is studying the educational strategies for marine protected areas and she is willing to participate as an intern and help where needed.

The next meeting is scheduled for Ventura County, Wednesday, June 12 from 6 to 8 PM. The site will be announced shortly.

Adjourn